IN THE CLAIMS:

The text of all pending claims, (including withdrawn claims) is set forth below. Cancelled and not entered claims are indicated with claim number and status only. The claims as listed below show added text with underlining and deleted text with ~~strikethrough~~. The status of each claim is indicated with one of (original), (currently amended), (cancelled), (withdrawn), (new), (previously presented), or (not entered).

Please ADD new claim 19 and AMEND the claims in accordance with the following:

1. (Currently Amended) A multimedia contents converting apparatus, comprising:

a text display time calculation processing unit being configured to calculate [[a]]an adjusted display time period of text media to be included in output multimedia contents on the basis of conversion instruction information;

a spatiotemporal layout information setting processing unit being configured to set spatiotemporal layout information on said output multimedia contents on the basis of said conversion instruction information; and

a contents conversion processing unit being configured to convert input multimedia contents, including text media and media other than the text media, oriented to a personal computer to be displayed on a screen of the personal computer with a predetermined size into said output multimedia contents oriented to portable terminal to be displayed on a screen of the portable terminal with a size smaller than said predetermined size on the basis of said spatiotemporal layout information,

wherein said spatiotemporal layout information setting processing unit is configured to set a display time period of said text media included in said spatiotemporal layout information, on the basis of said display time period of said text media calculated in said text display time calculation processing unit, and modify and synchronize a playing time period of said media other than said text media included in said spatiotemporal layout information, ~~on the basis of~~ responsive to said display time period of said text media set as said spatiotemporal layout information.

2. (Original) A multimedia contents converting apparatus according to claim 1, wherein said text display time calculation processing unit calculates said display time period of said text media to be included in said output multimedia contents, on the basis of text information obtained from said input multimedia contents and text display form information inputted as said conversion instruction information.

3. (Original) A multimedia contents converting apparatus according to claim 1, wherein said spatiotemporal layout information setting processing unit sets a playing time period of said media other than said text media included in said spatiotemporal layout information to coincide with said display time period of said text media set as said spatiotemporal layout information.

4. (Previously Presented) A multimedia contents converting apparatus according to claim 1, further comprising:

a segment playing time setting unit for setting, modifying, and synchronizing a playing time period of each of segments of said media other than said text media to be included in said output multimedia contents;

a total playing time calculation unit for calculating a total playing time period of all said segments of said media other than said text media on the basis of said playing time period of each of said segments of said media other than said text media set in said segment playing time setting unit; and

a repeat count setting processing unit for setting a repeat count of said media other than said text media on the basis of said display time period of said text media calculated in said text display time calculation processing unit and said total playing time period of all said segments of said media other than said text media,

said contents conversion processing unit making a conversion of said media other than said text media included in said input multimedia contents on the basis of said repeat count set in said repeat count setting processing unit.

5. (Previously Presented) A multimedia contents converting apparatus configured to convert input multimedia contents oriented to a personal computer to be displayed on a screen with a predetermined size, including text media and media other than the text media, into output multimedia contents oriented to a portable terminal to be displayed on a screen with a size smaller than said predetermined size, said apparatus comprising:

a text display time calculation processing unit for calculating a display time period of text media to be included in said output multimedia contents, on the basis of conversion instruction information;

a spatiotemporal layout information setting processing unit for setting spatiotemporal layout information on said output multimedia contents on the basis of said conversion instruction information;

a contents conversion processing unit for converting said input multimedia contents into said output multimedia contents on the basis of said spatiotemporal layout information;

a segment playing time setting unit for setting a playing time period of each of segments of said media other than said text media to be included in said output multimedia contents;

a total playing time calculation unit for calculating a total playing time period of all said segments of said media other than said text media on the basis of said playing time period of each of said segments of said media other than said text media set in said segment playing time setting unit; and

a repeat count setting processing unit for setting a repeat count of said media other than said text media on the basis of said display time period of said text media calculated in said text display time calculation processing unit and said total playing time period of all said segments of said media other than said text media,

said contents conversion processing unit making a conversion of said media other than said text media included in said input multimedia contents on the basis of said repeat count set in said repeat count setting processing unit,

said spatiotemporal layout information setting processing unit setting a display time period of said text media included in said spatiotemporal layout information, on the basis of said display time period of said text media calculated in said text display time calculation processing unit, and setting a playing time period of said media other than said text media included in said spatiotemporal layout information, on the basis of said display time period of said text media set as said spatiotemporal layout information, and

wherein said repeat count setting processing unit sets, as said repeat count, n (n : integer) which satisfies a condition that, when said repeat count of said media other than said text media is taken as n, said playing time period of said media other than said text media becomes shorter than said display time period of said text media and, when said repeat count of said media other than said text media is taken as n + 1, said playing time period of said media other than said text media becomes longer than said display time period of said text media.

6. (Original) A multimedia contents converting apparatus according to claim 5, wherein said spatiotemporal layout information setting processing unit is made such that, after the completion of n repeated playings, said media other than said text media is frozen until a display end time of said text media.

7. (Previously Presented) A multimedia contents converting apparatus, comprising:

a text display time calculation processing unit being configured to calculate a display time period of text media to be included in output multimedia contents on the basis of conversion instruction information;

a spatiotemporal layout information setting processing unit being configured to set spatiotemporal layout information on said output multimedia contents on the basis of said conversion instruction information; and

a contents conversion processing unit being configured to convert input multimedia contents, including text media and media other than the text media, oriented to personal computer to be displayed on a screen of the personal computer with a predetermined size into said output multimedia contents oriented to portable terminal to be displayed on a screen of the portable terminal with a size smaller than said predetermined size on the basis of said spatiotemporal layout information,

wherein said spatiotemporal layout information setting processing unit is configured to set a display time period of said text media included in said spatiotemporal layout information, on the basis of said display time period of said text media calculated in said text display time calculation processing unit, and set a playing time period of said media other than said text media included in said spatiotemporal layout information, on the basis of said display time period of said text media set as said spatiotemporal layout information,

a segment playing time setting unit for setting a playing time period of each of segments of said media other than said text media to be included in said output multimedia contents;

a total playing time calculation unit for calculating a total playing time period of all said segments of said media other than said text media on the basis of said playing time period of each of said segments of said media other than said text media set in said segment playing time setting unit; and

a repeat count setting processing unit for setting a repeat count of said media other than said text media on the basis of said display time period of said text media calculated in said text display time calculation processing unit and said total playing time period of all said segments of said media other than said text media,

said contents conversion processing unit making a conversion of said media other than said text media included in said input multimedia contents on the basis of said repeat count set in said repeat count setting processing unit,

wherein said repeat count setting processing unit sets, as said repeat count, n + 1 (n : integer) which satisfies a condition that, when said repeat count of said media other than said text media is taken as n, said playing time period of said media other than said text media

becomes shorter than said display time period of said text media and, when said repeat count of said media other than said text media is taken as n + 1, said playing time period of said media other than said text media becomes longer than said display time period of said text media.

8. (Currently Amended) A multimedia contents converting method , comprising:

a text display time calculation processing step calculating [[a]]an adjusted display time period of said text media to be included in output multimedia contents on the basis of conversion instruction information;

a spatiotemporal layout information setting processing step setting spatiotemporal layout information on said output multimedia contents on the basis of said conversion instruction information; and

a contents conversion processing step converting input multimedia contents, including text media and media other than the text media, oriented to a personal computer to be displayed on a screen of the personal computer with a predetermined size into said output multimedia contents oriented to portable terminal with a size smaller than said predetermined size on the basis of said spatiotemporal layout information,

wherein, in said spatiotemporal layout information setting processing step, a display time period of said text media included in said spatiotemporal layout information is set on the basis of said display time period of said text media calculated in said text display time calculation processing step, and a playing time period of said media other than said text media included in said spatiotemporal layout information is modified and synchronized ~~on the basis of~~ responsive to said display time period of said text media set as said spatiotemporal layout information.

9. (Original) A multimedia contents converting method according to claim 8, wherein, in said text display time calculation processing step, said display time period of said text media to be included in said output multimedia contents is calculated on the basis of text information obtained from said input multimedia contents and text display form information inputted as said conversion instruction information.

10. (Original) A multimedia contents converting method according to claim 8, wherein, in said spatiotemporal layout information setting processing step, a playing time period of said media other than said text media included in said spatiotemporal layout information is set to coincide with said display time period of said text media set as said spatiotemporal layout information.

11. (Previously Presented) A multimedia contents converting method according to claim 8, further comprising:

a segment playing time setting step of modifying, synchronizing, and setting a playing time period of each of segments of said media other than said text media to be included in said output multimedia contents;

a total playing time calculation step of calculating a total playing time period of all said segments of said media other than said text media on the basis of said playing time period of each of said segments of said media other than said text media set in said segment playing time setting step; and

a repeat count setting processing step of setting a repeat count of said media other than said text media on the basis of said display time period of said text media calculated in said text display time calculation processing step and said total playing time period of all said segments of said media other than said text media,

in said contents conversion processing step, a conversion of said media other than said text media included in said input multimedia contents is made on the basis of said repeat count set in said repeat count setting processing unit.

12. (Currently Amended) A computer-readable storage medium storing a multimedia contents conversion program, which makes a computer conduct the processing of converting input multimedia contents into output multimedia contents, the conversion processing comprising:

a text display time calculation processing step calculating [[a]]an adjusted display time period of text media included in said output multimedia contents on the basis of conversion instruction information;

a spatiotemporal layout information setting processing step setting spatiotemporal layout information on said output multimedia contents on the basis of said conversion instruction information; and

a contents conversion processing step converting input multimedia contents, including text media and media other than the text media, oriented to a personal computer to be displayed on a screen of the personal computer with predetermined size smaller that said predetermined size into said output multimedia contents on the basis of said spatiotemporal layout information,

wherein in said spatiotemporal layout information setting processing step, a display time period of said text media included in said spatiotemporal layout information is set on the basis of

said display time period of said text media calculated in said text display time calculation processing step, and a playing time period of said media other than said text media included in said spatiotemporal layout information is modified and synchronized ~~on the basis of~~ responsive to said display time period of said text media set as the spatiotemporal layout information.

13. (Original) A computer-readable storage medium storing a multimedia contents conversion program according to claim 12, wherein, in said text display time calculation processing step, said program makes said computer conduct the processing of calculating said display time period of said text media to be included in said output multimedia contents on the basis of text information obtained from said input multimedia contents and text display form information inputted as said conversion instruction information.

14. (Original) A computer-readable storage medium storing a multimedia contents conversion program according to claim 12, wherein, in said spatiotemporal layout information setting processing step, said program makes said computer conduct the processing of setting a playing time period of said media other than said text media included in said spatiotemporal layout information to coincide with said display time period of said text media set as said spatiotemporal layout information.

15. (Previously Presented) A computer-readable storage medium storing a multimedia contents conversion program according to claim 12, wherein said program makes said computer conduct:

a segment playing time setting step of modifying, synchronizing, and setting a playing time period of each of segments of said media other than said text media to be included in said output multimedia contents;

a total playing time calculation step of calculating a total playing time period of all said segments of said media other than said text media on the basis of said playing time period of each of said segments of said media other than said text media set in said segment playing time setting step; and

a repeat count setting processing step of setting a repeat count of said media other than said text media on the basis of said display time period of said text media calculated in said text display time calculation processing step and said total playing time period of all said segments of said media other than said text media, and

in said contents conversion processing step, said program makes said computer conduct

the processing of making a conversion of said media other than said text media included in said input multimedia contents on the basis of said repeat count set in said repeat count setting processing unit.

16. (Currently Amended) A multimedia contents conversion apparatus, comprising:

a conversion processing unit converting input multimedia contents, including text media and media other than said text media, oriented to a personal computer to be displayed on a screen with a predetermined size into output multimedia contents oriented to a portable terminal to be displayed on a screen smaller than said predetermined size based on a difference between a first display time period of the text media on the computer having the screen with the predetermined size and a second display time period of the text media on the screen smaller than said predetermined size.

17. (Withdrawn) A multimedia contents converting apparatus comprising:

a control unit for conducting the processing of converting input multimedia contents to be displayed on a screen with a predetermined size,. including text media and media other than the text media, into output multimedia contents to be displayed on a screen with a size smaller than said predetermined size, on the basis of conversion instruction information; and

a storage unit for storing a spatiotemporal layout information table, said control unit conducts the processing including:

a step of acquiring information on predetermined text media from said input multimedia contents on the basis of said conversion instruction information and reading out said spatiotemporal layout information table from said storage unit to temporarily produce said spatiotemporal layout information table by setting said information on the predetermined text media therein;

a step of acquiring data of said predetermined text data from said input multimedia contents through the use of said information on said predetermined text media set in said spatiotemporal layout information table;

a step of calculating a display time period of text media included in said output multimedia contents on the basis of said data on said predetermined text media, setting a display time period of said text media in said spatiotemporal layout information table on the basis of the calculated display time period of said text media and setting a playing time period of said media other than said text media included in said output multimedia contents in said spatiotemporal layout information table on the basis of said display time period of said text data

set in said spatiotemporal layout information table to bring said spatiotemporal layout information table to completion; and

a step of converting said input multimedia contents into said output multimedia contents on the basis of said spatiotemporal layout information table brought to completion.

18. (Currently Amended) A method, comprising:

modifying and synchronizing a playing time period of audio and video media in consideration with a calculated display time period of a scrolling text media as playing time information; and

converting multimedia configured to be displayed on a screen of a personal computer into multimedia configured to be displayed on a screen of a portable device ~~based on the playing time information~~based on a difference between a first display time period of the text media on the screen of the personal computer and a second display time period of the text media on the screen of the portable device.

19. (NEW) A method, comprising:

lengthening, by a computer, a display time period of video media to be displayed on a first smaller display based on a text scroll display time period which is longer in duration on the first smaller display than on a second larger display.